

Appl. No.: 10/662,682
TC/A.U.: 3711 Docket No.: C03-05
Reply to Office Action of May 11, 2005

LISTING OF CLAIMS

Please amend the claims as follows:

1-56 (Cancelled)

57. (New) A golf club head comprising:

a first body portion composed of a first material having a density and forming at least a front face portion having a geometric face center and a sole section;

a second body portion composed of a second material having a density that is less than the density of the first material and forming a crown section and a substantial portion of a skirt section attached to the first body portion; and

a hosel member composed of a third material having a density less than the first density and attached to the first body portion,

wherein a center of gravity of the club head is at least about 5 mm lower than the geometric face center.

58. (New) The golf club head of claim 57, wherein the front face has a point of maximum coefficient of restitution not higher than about 2 mm below the geometric face center.

59. (New) The golf club head according to claim 57, wherein the first material is a titanium alloy, the second material is a graphite composite and the third material is a thermoplastic.

60. (New) The golf club head according to claim 59, wherein the third material is nylon.

61. (New) The golf club head according to claim 57, wherein the first material is a titanium alloy, the second material is magnesium, and the third material is a thermoplastic.

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62. (New) The golf club head according to claim 57, wherein the first material is a titanium alloy, the second material is a graphite composite, and the third material is aluminum.
63. The golf club head according to claim 57, wherein the first material is a stainless steel alloy and the second material is a metal, composite or a thermoplastic.
64. (New) The golf club head of claim 57, wherein the second body portion is cast, formed, injection molded, machined or pre-preg sheet formed.
65. (New) The golf club head of claim 57, wherein the first body portion is forged.
66. (New) The golf club head of claim 57, wherein the first body portion is cast.
67. (New) The golf club head according to claim 57, wherein the club head has a maximum coefficient of restitution greater than 0.80.
68. (New) The golf club head of claim 57, wherein the gradient thickness of the front face is about 0.2 inch at a lower area and reduces to a thickness of about 0.08 inch at an upper area
69. (New) The golf club head according to claim 57, wherein a horseshoe shaped high density weight portion is integral with an inside surface of the sole section at a predetermined distance away from the face.
70. (New) The golf club head according to claim 69, wherein the weight portion is powdered metal formed.
71. (New) The golf club head according to claim 69, wherein the weight portion is formed by metal-injection-molding.

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72. (New) The golf club head according to claim 69, wherein the high density weight portion is about 15% to 25% of the total head weight.
73. (New) A golf club head comprising:
a first body portion composed of a first material having a density and forming at least a front face portion having a geometric face center and a sole section;
a second body portion composed of a second material having a density that is less than the density of the first material and forming a crown section and a substantial portion of a skirt section attached to the first body portion; and
a hosel member composed of a third material having a density less than the first density and attached to the first body portion,
wherein the club head comprises a spin rate to launch angle ratio of less than about 275 at a geometric face center under robot test conditions.
74. (New) The golf club head according to claim 73, wherein the first material is a titanium alloy, the second material is a graphite composite and the third material is a thermoplastic.
75. (New) The golf club head according to claim 74, wherein the third material is nylon.
76. (New) The golf club head according to claim 73, wherein the first material is a titanium alloy, the second material is magnesium, and the third material is a thermoplastic.
77. (New) The golf club head according to claim 76, wherein the third material is nylon.
78. (New) The golf club head according to claim 73, wherein the first material is a titanium alloy, the second material is a graphite composite, and the third material is aluminum.

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79. (New) The golf club head according to claim 73, wherein the first material is a stainless steel alloy and the second material is a metal or a graphite composite.
80. (New) The golf club head of claim 73, wherein the second body portion is cast, formed, injection molded, machined or pre-preg sheet formed.
81. (New) The golf club head of claim 73, wherein the first body portion is forged.
82. (New) The golf club head of claim 73, wherein the first body portion is cast.
83. (New) The golf club head according to claim 73, wherein the club head has a maximum coefficient of restitution greater than 0.80.
84. (New) The golf club head of claim 73, wherein the gradient thickness of the front face is about 0.20 inch at a lower area and reduces to a thickness of about 0.08 inch at an upper area